

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10700	375/260,316,354,368.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:24
L2	1	1 and (FFT) with (conjugate) with (tim\$3 near2 delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:25
L3	1	1 and ((FFT) with (conjugate) with (tim\$3 near2 delay))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:26
L4	2280	327/141,162,163.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:32
L5	0	4 and ((FFT) with (conjugate) with (tim\$3 near2 delay))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:32

L6	0	4 and ((FFT) with (conjugate) with (phase near2 delay))	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:33
L7	0	4 and ((FFT) with (conjugate) with (phase))	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:33
L8	0	325/409.ccls.	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:33
L9	0	8 and ((FFT) with (conjugate) with (phase near2 delay))	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:34
L10	0	8 and ((FFT) with (conjugate) with (phase))	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:34
L11	5792	370/503,509,512,513,514.ccls.	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:34

L12	0	11 and ((FFT) with (conjugate) with (phase near2 delay))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:34
L13	1	11 and ((FFT) with (conjugate) same (time near2 delay))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:35
L14	2335	713/400,401.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:35
L15	0	14 and ((FFT) with (conjugate) same (time near2 delay))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:35
L16	0	14 and ((FFT) with (conjugate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:35
L17	416	714/12.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:35

L18	0	17 and ((FFT) with (conjugate))	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/05 12:35
S1	11	(kenji near2 nowara).in.	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 12:27
S2	291	(convolution) with (time near2 delay)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 12:37
S3	248	S2 and (@pd<="20031029" OR @ad<="20031029" OR @riad<="20031029" OR @prad<="20031029")	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 12:38
S4	0	S3 and (multipl\$4 with (received near2 signal) with (summ\$3 or integrat\$3) with frequency)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 12:40
S5	0	S3 and (multipl\$4 with (received near2 signal) with (summ\$3 or integrat\$3) with frequency)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 12:40

S6	0	S3 and (fft with multipl\$4 with (received near2 signal) with (summ\$3 or integrat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 12:40
S7	0	S3 and (fft with multipl\$4 with (received near2 signal))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 12:41
S8	4	S3 and (fft with multipl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 12:41
S9	7	(fft with multipl\$4 with received signal with (ideal or training))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 12:43
S10	1	10/512821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 13:26
S11	2	"6993094".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 14:21

S12	2	"6148045".pn.	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 14:22
S13	0	("2006/0039485").URPN.	USPAT	ADJ	ON	2009/05/17 14:29
S14	16	("5191576"   "5239400"   "5444697"   "5471464"   "5790784"   "6028900").PN. OR ("6148045").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/17 14:30
S15	16	S14 and (@pd<="20031029" OR @ad<="20031029" OR @rad<="20031029" OR @rad<="20031029")	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/17 14:30
S16	1	10/512821	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/18 10:44
S17	2	"6993094".pn.	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/18 10:45
S18	2	"6148045".pn.	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/18 10:45
S19	1	10/577254 and (sampling angular frequency)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/18 11:23

S20	182	((convolution) with (frequency or spectrum)) with (delay or timing)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/22 13:33
S21	139	S20 and (@pd<="20031029" OR @ad<="20031029" OR @rad<="20031029" OR @prad<="20031029")	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/22 13:33
S22	487	((convolution or ((multiply\$3 or multiplication) with (summ\$3 or integrat\$3 or accumul\$3))) with (frequency or spectrum)) with (delay or timing)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/22 13:37
S23	398	S22 and (@pd<="20031029" OR @ad<="20031029" OR @rad<="20031029" OR @prad<="20031029")	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/22 13:37
S24	78	((convolution or ((multiply\$3 or multiplication) with (summ\$3 or integrat\$3 or accumul\$3))) with (frequency or spectrum)) with ((delay or timing) with (error or difference))	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/22 13:38
S25	8	S24 and fft	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/22 13:40

S26	19268	375/260,285,346,316,349,354,355,357,362,368,371.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/22 14:06
S27	0	S26 and (fft with (convolution or ((multiply\$3 or multiplication) with (summ\$3 or integrat\$3 or accumulat\$3))) with (phase or delay or timing) with (offset or error or displace\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/22 14:08
S28	0	S26 and (fft with ((multiply\$3 or multiplication) with (summ\$3 or integrat\$3 or accumulat\$3)) with (phase or delay or timing) with (offset or error or displace\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/22 14:09
S29	14	S26 and (fft with (summ\$3 or integrat\$3 or accumulat\$3) with (phase or delay or timing) with (offset or error or displace\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/22 14:09
S30	89	(frequency near3 spectrum) with (multiply\$3 or multiplication) with (integrat\$3 or summ\$3 or sum or accumulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 10:55
S31	79	S30 and (@pd<="20031029" OR @ad<="20031029" OR @rlad<="20031029" OR @prad<="20031029")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 10:55



S32	45	S31 and delay\$3	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 10:56
S33	232	(FFT) with (multiply\$3 or multiplication) with (integrat\$3 or summ\$3 or sum or accumul\$3)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 11:19
S34	2	(FFT) with (multiply\$3 or multiplication) with (integrat\$3 or summ\$3 or sum or accumul\$3) with (tim\$3 near2 delay)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 11:19
S35	1	(fourier near2 transform) with (multiply\$3 or multiplication) with (integrat\$3 or summ\$3 or sum or accumul\$3) with (tim\$3 near2 delay)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 12:33
S36	3	(fourier near2 transform) with (convolut\$3) with (tim\$3 near2 delay)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 12:34
S37	1	10/512821	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 12:50

S38	0	(FFT) with (sum with product) with (tim\$3 near2 delay)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 13:46
S39	1	(frequency near2 spect\$3) with (sum with product) with (tim\$3 near2 delay)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 13:47
S40	0	(fourier near2 transform\$4) with (sum with product) with (tim\$3 near2 delay)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 13:48
S41	0	(fourier near2 transform\$4) with (sum\$1product) with (tim\$3 near2 delay)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 13:49
S42	0	(frequency near2 spect\$3) with (sum\$1product) with (tim\$3 near2 delay)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 13:49
S43	0	(FFT) with (sum\$1product) with (tim\$3 near2 delay)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 13:49

S44	87	frequency domain with (correlat\$3 or mix\$3 or convolut\$3 or multiply\$3 or multiplicat\$3) with (time near2 delay)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 14:04
S45	62	S44 and (@pd<="20031029" OR @ad<="20031029" OR @rad<="20031029" OR @prad<="20031029")	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 14:04
S46	1	10/512821 and sampling	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 14:50
S47	0	10/512821 and angular	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 14:52
S48	18	sampling angular frequency	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 14:53
S49	2	10/577254 and angular	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/02 15:18

S50	1	11/456858	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 07:53
S51	2	11/457018	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 07:53
S52	179	fft with preamble with (time or phase)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 07:59
S53	6	(fft near4 preamble) with (mix\$3 or multiply\$3 or multiplicat\$3) with (time or phase)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 08:00
S54	1	(training near4 preamble) with (mix\$3 or multiply\$3 or multiplicat\$3) with (time or phase)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 08:03
S55	2	(training near4 fft) with (mix\$3 or multiply\$3 or multiplicat\$3) with (time or phase)	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 08:03

S56	10	(pilot near4 fft) with (mix\$3 or multiply\$3 or multiplicat\$3) with (time or phase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 09:47
S57	2	"6993094".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 10:48
S58	13	("5444697"   "5594757"   "5602835"   "5717722"   "5745535"   "5936462"   "5991289"   "6058101"   "6359938").PN. OR ("6993094").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/03 10:49
S59	20	(tim\$3 near2 offset) and ofdm and (conjugate with FFT with (multiply\$3 or multipli\$6 or mix\$3 or convolut\$3 or correlat\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/03 13:23
S60	109	ofdm and (frequency offset with time offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 14:00
S61	26	ofdm and (frequency offset with time offset) and correlating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 14:01
S62	16	S61 and (@pd<="20031029" OR @ad<="20031029" OR @rlad<="20031029" OR @prad<="20031029")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 14:06

S63	0	"5818872".pn. and conjugate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/03 14:14
S64	8	(tim\$3 near2 offset) and ofdm and (conjugate with FFT with (pilot or preamble or known or training) with (multiply\$3 or multipli\$6 or mix\$3 or convolut\$3 or correlat\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/03 14:19
S65	0	"6993094".pn. and time near2 offset	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/03 14:24
S66	1	"6993094".pn. and time	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/03 14:24
S67	0	("2008/0095249").URPN.	USPAT	ADJ	ON	2009/06/03 14:42
S69	82	fft with conjugate with (mix\$3 or multiplier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/04 06:35
S70	56	S69 and (@pd<="20031029" OR @ad<="20031029" OR @rad<="20031029" OR @prad<="20031029")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/04 06:37
S71	7	conjugat\$3 with correlat\$3 with (accumulat\$3 or integrat\$3 or summ\$3 or sum) with FFT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/04 09:44
S72	2	(conjugat\$3 near3 (preamble or pilot)) with correlat\$3 with (accumulat\$3 or integrat\$3 or summ\$3 or sum) with (DFT or fourier transform or FFT)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/04 09:48

6/5/2009 12:36:17 PM

C:\Documents and Settings\slee7\My Documents\EAST\Workspaces\10577254.wsp